## Appendix I: Spatial Data Layers Currently Available for the MLPA South Coast Study Region

This appendix contains information about the spatial data layers currently available, including extent, source, resolution, and a brief description of each layer

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Table I-1: Spatial Data Layers Currently Available for the MLPA South Coast Study Region

_						Spatia	al Exter	nt	
Data Type	Layer Name	Description	Source			SCSR			Resolution
Base	California Coastline	Detailed coastline of California	CDFG	Yes	X	Х	Х	Χ	high
	Geographic Names of	U.S. Geographic Names Information System							
Base	California	Locales	GNIS	Yes	Х	Χ	Χ	Χ	high
			U.S. Census						
Base	California Roads	TIGER Roads for California	Bureau	Yes	Χ	Χ	Χ	Χ	high
Base	MLPA Study Regions	Boundaries of State MLPA Study Regions	CDFG	Yes	Χ	Х	Χ	Χ	high
	South Coast	Boundaries of State MLPA South Coast Study							
Base	Subregions	Subregions	CDFG	Yes		Χ			high
		Various satelite imagery with resolution to .5							
Base	Imagery	meters	Varies	Yes	Х	Х	Х	Χ	high
	Depth Contours in								
Bathymetry	Fathoms	10, 20, 30, 40, 50, 100, & 200 fathom contours	CDFG	Yes	Х	Х	Х	Χ	low
	Depth Contours 10m								
Bathymetry	intervals	10 meter interval contours (10 - 600)	CDFG	Yes	Х	Х	Х	Χ	low
	Depth Contours 100m								
Bathymetry	intervals	100 meter interval contours (100 - 4800)	CDFG	Yes	Х	Х	Х	Χ	low
	Depth Contours 30-100								
Bathymetry	200m intervals	30, 100, & 200 meter contours	CDFG	Yes	Х	Х	Х	Χ	low
	Depth Contours 30-50-								
Bathymetry	100-200m intervals	30, 50, 100 & 200 fathom contours	CDFG	Yes	Х	Χ	Χ	Χ	low
Bathymetry	Bathymetric Imagery	Bathymetric imagery		No	Х	Χ	Χ	X	high
Biology	California Bird Colonies	Statewide bird colonies	NMS - biogeographic data assesment	Yes			X	X	medium
			NMS -						
<b>5</b>	California Sealion		biogeographic	.,			.,		
Biology	Haulout Locations	Statewide California Sealion haulout locations	data assessment	Yes	Χ	Χ	Χ	Х	high
Biology	Harbor Seal Haulout Locations	Statewide Harbor Seal haulout locations	NMS - biogeographic data assessment	Yes	X	X	X	X	high
Biology	Persistent Kelp (Without 1989)	Kelp persistent using all years except 1989	UCSB	No		Х			medium

			_		Spatial Exte			nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
	Persistent Kelp (All								
Biology	Years)	Kelp persistence using all available years	UCSB	No		Х			low
	Kelp Canopy Coverage								
Biology	in 1989	Kelp canopy cover fall 1989	CDFG	Yes	Х	Х	Х	Х	high
	Kelp Canopy Coverage								
Biology	in 1999	Kelp canopy cover fall 1999	CDFG	Yes	X	Х	Х	Х	high
	Kelp Canopy Coverage								
Biology	in 2002	Kelp canopy cover fall 2002	CDFG	Yes	X	Х	Х	Х	high
	Kelp Canopy Coverage								
Biology	in 2003	Kelp canopy cover fall 2003	CDFG	Yes	X	Х	Х	Х	high
	Kelp Canopy Coverage								
Biology	in 2004	Kelp canopy cover fall 2004	CDFG	Yes	Х	Х	Χ	Х	high
	Kelp Canopy Coverage								
Biology	in 2005	Kelp canopy cover fall 2005	CDFG	Yes	Х	Х	Х	Х	high
	Kelp Canopy Coverage								
Biology	in 2006	Kelp canopy cover 2006	CDFG	Yes	Χ	Χ			high
			NOAA						
	Marine Mammal		Biogeographic						
Biology	Rookeries	Pinniped rookeries of California	Assessment	No	Χ	Χ	Χ	Χ	high
			NOAA						
	Marine Mammal		Biogeographic						
Biology	Haulouts	Pinneped houlouts of California	Assessment	No	Х	Χ	Χ	Χ	high
Biology	Seaotter Counts	Southern California seaotter counts	unknown	No			Χ	X	low
	Tidewater Goby Critica								
Biology	Habitat	Critical habitat for the tidewater goby	USFWS	Yes	Х	Х	Х	Χ	low
			NMS -						
	Pacific Angel Shark		biogeographic						
Biology	Habitat	Pacific angel shark habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	Adult Thresher Shark		biogeographic						
Biology	Habitat	Adult thresher shark habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
<del></del>			NMS -			1	1		
	Juvenile Thresher		biogeographic						
Biology	Shark Habitat	Juvenile thresher shark habitat suitability model		Yes	Х	Х	Х	Х	medium
<u> </u>		İ	NMS -						
	California Halibut		biogeographic						
Biology	Habitat	California halibut habitat suitability model	Assessment	Yes	Х	Х	Х	Х	medium

						Spatia	nt		
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
,	•	·	NMS -						
			biogeographic						
Biology	Giant Seabass Habitat	Giant seabass habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	California Sheephead		biogeographic						
Biology	Habitat	California sheephead habitat suitability model	Assessment	Yes	Х	Х			medium
			NMS -						
			biogeographic						
Biology	Black Abalone Habitat	Black abalone habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
0,		·	NMS -						
			biogeographic						
Biology	White Abalone Habitat	White abalone habitat suitability model	Assessment	Yes	Х	Х	Х		medium
- C			NMS -						
			biogeographic						
Biology	Red Abalone Habitat	Red abalone habitat suitability model	Assessment	Yes	Х	Х	Х		medium
- 57			NMS -						
	Purple Sea Urchin		biogeographic						
Biology	Habitat	Purple sea urchin habitat suitability model	Assessment	Yes	Х	Х	Х	Х	medium
5)			NMS -						
	Red Sea Urchin		biogeographic						
Biology	Habitat	Red sea urchin habitat suitability model	Assessment	Yes	Χ	Х	Х	Х	medium
5,		,	NMS -						
	California Spiny		biogeographic						
Biology	Lobster Habitat	California spiny lobster habitat suitability model	Assessment	Yes	Χ	Х	Х	Х	medium
- 57			NMS -						
		Rockcrabs of the genus Cancer habitat	biogeographic						
Biology	Rockcrabs Habitat	suitability model	Assessment	Yes	Х	Х	Х	Х	medium
- 57			NMS -						
			biogeographic						
Biology	Sheep Crab Habitat	Sheep crab habitat suitability model	Assessment	Yes	Χ	Х	Х	Х	medium
			NMS -	1 1 1 1					
	Ridgeback Rock		biogeographic						
Biology	Shrimp Habitat	Ridgeback rock shrimp habitat suitability model		Yes	Х	Х	Х	Х	medium
3.1-37		1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NMS -	1					
			biogeographic						
Biology	Spot Shrimp Habitat	Spot shrimp habitat suitability model	Assessment	Yes	Х	Х	Х	Х	medium

						Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
-	·	·	NMS -						
	California Market Squid		biogeographic						
Biology	Habitat	California market squid habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	Warty Sea Cucumber		biogeographic						
Biology	Habitat	Warty sea cucumber habitat suitability model	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	California Sea	California sea cucumber habitat suitability	biogeographic						
Biology	Cucumber Habitat	model	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	Boccaccio Larvae		biogeographic						
Biology	Distribution	Boccaccio larvae distribution off California	Assessment	Yes	Х	Х	Х	Х	medium
<u> </u>			NMS -						
	Northern Anchovy	Northern anchovy larvae distribution off	biogeographic						
Biology	Larvae Distribution	California	Assessment	Yes	Х	Х	Х	Х	medium
- 57			NMS -						
	Pacific Sardine Larvae		biogeographic						
Biology	Distribution	Pacific sardine larvae distribution off California	Assessment	Yes	Х	Х	Х	Х	medium
- 57	Western Snowy Plover	Historical snowy plover populations, breeding							
Biology	Locations	and wintering areas.	CDFG	Yes	Х	Х	Х	Х	medium
<u> </u>		- Company of the Comp	NMS -						
	Ashy Storm-Petrel		biogeographic						
Biology	Density	Ashy Storm-Petrel at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
	T '	,	NMS -						
			biogeographic						
Biology	Blue Whale Density	Blue whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
37		,	NMS -						
	Bottlenose Dolphin		biogeographic						
Biology	Density	Bottlenose dolphin at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
			NMS -	100					
			biogeographic						
Biology	Brown Pelican Density	Brown Pelican at-sea density	Assessment	Yes	Х	Χ	Х	Х	medium
31-97			NMS -	1					
	Brandt's Cormorant		biogeographic						
Biology	Density	Brandt's Cormorant at-sea density	Assessment	Yes	Χ	Х	Х	Х	medium

						Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
		-	NMS -						
			biogeographic						
Biology	Cassins Auklet Density	Cassins Auklet at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
	Common Dolphin		biogeographic						
Biology	Density	Common dolphin at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
		·	NMS -						
			biogeographic						
Biology	Dall's Porpoise Density	Dall's porpoise at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
	·		NMS -						
	Double-crested		biogeographic						
Biology	Cormorant Density	Double-crested Cormorant at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
		,	NMS -	1					
			biogeographic						
Biology	Fin Whale Density	Fin whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
57		,	NMS -						
			biogeographic						
Biology	Gray Whale Density	Gray whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
57			NMS -						
	Harbor Porpoise		biogeographic						
Biology	Density	Harbor porpoise at-sea density	Assessment	Yes	Χ	Х	Х	Х	medium
g)			NMS -						
	Humpback Whale		biogeographic						
Biology	Density	Humpback whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
2.0.09)	2 0.10119	. iampeden maie at eea cenery	NMS -	. 55		,		,,	
			biogeographic						
Biology	Minke Whale Density	Minke whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
2.0.09)	The state of the s	to initial at ood constity	NMS -	. 55		,		,,	
	Northern Right-whale		biogeographic						
Biology	Dolphin Density	Northern right-whale dolphin at-sea density	Assessment	Yes	Χ	Х	Х	Х	medium
Diology	Doiprini Doriony	Trentinent right whate desprish at eea density	NMS -	1.00					modium
			biogeographic						
Biology	Killer Whale Density	Killer whale at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
	- I I I I I I I I I I I I I I I I I I I		NMS -	1	<u> </u>		<u> </u>		
	Pacific White-sided		biogeographic						
Biology		Pacific white-sided dolphin at-sea density	Assessment	Yes	Х	Х	Χ	Х	medium
Didlogy	Dolphin Density	racine write-sided dolpriin at-sea density	Assessment	168	Λ	^	^	_ ^	medium

				_		Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
7,		,	NMS -						
	Pelagic Cormorant		biogeographic						
Biology	Density	Pelagic Cormorant at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
		,	NMS -						
	Pigeon Guillemot		biogeographic						
Biology	Density	Pigeon Guillemot at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
			NMS -						
			biogeographic						
Biology	Risso's Dolphin Density	Risso's dolphin at-sea density	Assessment	Yes	Х	Х	Х	Х	medium
	·	·	NMS -						
	Xantus's Murrelet		biogeographic						
Biology	Density	Xantus's Murrelet at-sea density	Assessment	Yes	Х	Х	Х	Χ	medium
<u> </u>		,	NMS -						
			biogeographic						
Biology	Fish Diversity	Composite fish diversity	Assessment	Yes	Х	Х	Х	Χ	medium
- C,	j	,	NMS -						
		Fish diversity in southern California using trawl	biogeographic						
Biology	Fish Diversity - Trawl	data from the National Marine Fisheries Service		Yes	Х	Х	Х	Χ	medium
- C,	j	Fish assemblages in southern California using	NMS -						
	Fish Assemblages -	trawl data from the National Marine Fisheries	biogeographic						
Biology	Trawl	Service	Assessment	Yes	Х	Х	Х	Χ	medium
- 0,			NMS -	1					
	Fish Diversity in Kelp	Fish diversity in southern California using	biogeographic						
Biology	Forests- Scuba	scuba surveys in kelp forests.	Assessment	Yes		Х			medium
0,		·	NMS -						
	Fish Assemblages in	Fish assemblages in southern California kelp	biogeographic						
Biology	Kelp Forests	forests.	Assessment	Yes		Х			medium
0,	•	Nearshore marine fish diversity in southern							
		California using trawl information from the	NMS -						
	Nearshore Fish	Southern California Coastal Water Research	biogeographic						
Biology	Diversity - Trawl	Project.	Assessment	Yes		Х			medium
	·		NMS -	İ					
	Nearshore Marine Fish	Nearshore marine fish assemblages in	biogeographic	1					
Biology	Assemblages	southern California	Assessment	Yes		Х			medium
<u> </u>			NMS -	İ					
			biogeographic						
Biology	Invertebrate Diversity	Invertebrate diversity in southern California	Assessment	Yes		Х			medium

Charts         Anacaga Passage         NOAA Nautical Chart         NOAA         No         X         high           Charts         Gulf of Santa Catalina         NOAA Nautical Chart         NOAA         No         X         high           Charts         Puisima Point         NOAA Nautical Chart         NOAA         No         X         X         high           Port Hueneme to         Port Hueneme to         NOAA         No         X         X         high           Charts         Santa Barbara         NOAA Nautical Chart         NOAA         No         X         high           Charts         Purisima Point         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Miguel							Spatia	al Exte	nt	
Marine Invertebrate Marine Invertebrate assemblages in southern biogeographic Assemblages California Marine Invertebrate assemblages in southern biogeographic Assessment Assessment Anacapa Passage (California NOAA Nautical Chart NOAA No X high Port Dume to Purisima Point Dume to Port Hueneme to Charts Santa Catalina NOAA Nautical Chart NOAA No X high Port Hueneme to Santa Catalina NOAA Nautical Chart NOAA No X high Port Hueneme to Charts Santa Barbara NOAA Nautical Chart NOAA No X high Santa Cruz Island to Charts Purisima Point NOAA Nautical Chart NOAA No X X high Charts San Clemente Island NOAA Nautical Chart NOAA No X X high Charts Santa Cruz Island NOAA Nautical Chart NOAA No X X high Approaches to San NoAA Nautical Chart NOAA No X No X No NoAA No No X NoAA Nautical Chart NOAA No X No NoAA No No X NoAA Nautical Chart NOAA No X No NoAA No No X NoAA Nautical Chart NOAA No X No NoAA No No X NoAA No NoAA N	Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
Assemblages	, , , , , , , , , , , , , , , , , , ,		•	NMS -						
Biology		Marine Invertebrate	Marine Invertebrate assemblages in southern	biogeographic						
Charts         Anacaga Passage         NOAA Nautical Chart         NOAA         No         X         high           Charts         Gulf of Santa Catalina         NOAA Nautical Chart         NOAA         No         X         high           Charts         Puisima Point         NOAA Nautical Chart         NOAA         No         X         X         high           Port Hueneme to         Port Hueneme to         NOAA         No         X         X         high           Charts         Santa Barbara         NOAA Nautical Chart         NOAA         No         X         high           Charts         Purisima Point         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Clemente Island         NOAA Nautical Chart         NOAA         No         X         high           Charts         San Miguel	Biology	Assemblages			Yes		Х			medium
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Charts Purisima Point NOAA Nautical Chart NOAA NO X X Nigh Port Hueneme to NOAA Nautical Chart NOAA NO X No NOAA No NOAA NOAA NOAA NOAA NOAA NOA	Charts		NOAA Nautical Chart	NOAA	No		Х			
Charts Santa Barbara Santa Barbara NOAA Nautical Chart NOAA NO X No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA No NOAA NOAA										J
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San Diego to Santa Rosa Island  NOAA Nautical Chart  NOAA  NO  Commercial Passenger Fishing Vessel Effort Use  Consumptive Use  Commercial Passenger Commercial Passenger Fishing Vessel Effort (2005-2007)  California Recreational Fisheries Survey's Commercial Passenger Fishing Vessel Catch (2004-2006)  Consumptive Use  Surveyed Skiff Fishing  Summary of surveyed Skiff effort by 1' block for Surveyed Skiff effort by 1' block for Surveyed Skiff effort by 1' block for Surveyed Skiff Fishing  Summary of surveyed Skiff effort by 1' block for Surveyed Skiff Fishing  Summary of surveyed Skiff effort by 1' block for	Charts		NOAA Nautical Chart	NOAA	No		Х	Х	Х	hiah
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Commercial Passenger Commercial Passenger Fishing Vessel Catch Per Unit Effort for Various Species for 2005-2007)  Use  Commercial Passenger Fishing Vessel Catch Per Unit Effort for Various Species for 2005-2007  CFIS  No  X  X  X  Iow  Commercial Passenger Fishing Vessel Catch (CRFS) sampled Commercial Passenger Fishing Vessel Catch (CRFS) landings by 1' block for Use  Consumptive Surveyed Skiff Fishing  Consumptive Surveyed Skiff Fishing  Summary of surveyed Skiff effort by 1' block for	Charts	_	NOAA Nautical Chart	NOAA	No		X			hiah
Consumptive Use    Fishing Vessel Effort   Per Unit Effort for Various Species for 2005-   CFIS   No   X   X   X   X   Iow	0.1.6.1.0	1.1000 1010110			1					9
Consumptive Use    Fishing Vessel Effort   Per Unit Effort for Various Species for 2005-   CFIS   No   X   X   X   X   Iow		Commercial Passenger	Commercial Passenger Fishing Vessel Catch							
Use (2005-2007) 2007 CFIS No X X X Iow  California Recreational Fisheries Survey's  Commercial Passenger (CRFS) sampled Commercial Passenger  Fishing Vessel Catch (2004-2006) 2004, 2005, and 2006 CDFG Yes X X X X high  Consumptive Surveyed Skiff Fishing Summary of surveyed Skiff effort by 1' block for	Consumptive		The state of the s							
Commercial Passenger (CRFS) sampled Commercial Passenger Fishing Vessel Catch (2004-2006) CDFG Yes X X X X high  Consumptive Surveyed Skiff Fishing Summary of surveyed Skiff effort by 1' block for	•	· ·	•	CFIS	No	X	X	Х	Х	low
Commercial Passenger (CRFS) sampled Commercial Passenger Fishing Vessel Catch (2004-2006)		(2000 200.)		00	1.10	, ,			,,	
Consumptive Use   Fishing Vessel Catch   Fishing Vessel (CPFV) landings by 1' block for   CDFG   Yes   X   X   X   X   High   Consumptive   Surveyed Skiff Fishing   Summary of surveyed Skiff effort by 1' block for   CDFG   Yes   X   X   X   X   X   High   Consumptive   Surveyed Skiff Fishing   Summary of surveyed Skiff effort by 1' block for   CDFG   Yes   X   X   X   X   X   High   CONSUMPTION   CONSUMPT		Commercial Passenger								
Use     (2004-2006)     2004, 2005, and 2006     CDFG     Yes     X     X     X     X     N       Consumptive     Surveyed Skiff Fishing     Summary of surveyed Skiff effort by 1' block for     Surveyed Skiff Fishing     Summary of surveyed Skiff effort by 1' block for     Surveyed Skiff Fishing	Consumptive									
Consumptive Surveyed Skiff Fishing Summary of surveyed Skiff effort by 1' block for	•			CDFG	Yes	Х	X	X	Х	hiah
		\			1	<del>- ^``</del>	<u> </u>	- `		9.1
	Consumptive	Surveyed Skiff Fishing	Summary of surveyed Skiff effort by 1' block for							
	Use	Effort (2004,2005)	2004 and 2005	CDFG	Yes	Х	Х	Х	Х	high

						Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
Consumptive									
Use	Skiff Catch	Skiff catch data for Southern California	CDFG	No		Х			low
Consumptive		Locations of kayak fishing sites in Central and							
Use	Kayak Fishing Sites	Northern California	KFACA	Yes			Χ	Х	high
Consumptive									
Use	Kayak Fishing Areas	Southern California kayak fishing areas	KFACA	Yes		Χ			low
Consumptive									
Use	Pier Fishing Sites	Pier fishing locations in Southern California		No		Х			high
Consumptive	Commercial Fishery	Commercial Landing Receipts from Southern							
Use	Catch	California Ports	CFIS	Yes	Х	Х	Х	Х	low
Cultural	California Counties	County boundaries of California	CDFG	Yes	Х	Х	Х	Х	high
Cultural	California Cities	Coastal cities of California (from GNIS)	USGS	Yes	Х	Х	Х	Х	high
	California Geographic	(							· · · · · · ·
Cultural	Points	255 geographic points (headlands) of California	CDFG	Yes	Х	Χ	Х	Х	high
Caltarai	T GIIILG	200 goograpino pointo (noderando) en camerna	California	1.00	,,		,,	7.	111911
		Coastal access points from the California	Coastal						
Cultural	Coastal Access Point	Coastal Access Guide	Conservancy	Yes	Х	Χ	Х	Х	high
Oditural	Obasiai Access i bilit	Harbors of California - 5 major harbors on the	Conscivancy	103	_^				riigiri
Cultural	Harbors of California	Central Coast	CDFG	Yes			Х		high
Oditarai	riarbors of Gainornia	Ports of California - 194 port codes for	ODI G	103					riigiri
Cultural	Ports of California	recording landings of marine fisheries	CDFG	Yes	Х	Х	Х	Х	high
Cultural	Forts of California	recording landings of marine listienes	CDIG	165		^	^	^	riigii
Cultural	Piers and Jetties	Fishing Piers and Jetties of Southern California	PSMFC	Yes		Х			low
		Locations of kayak launch sites for Southern							
Cultural	Kayak Launch Sites	California	KFACA	Yes		Х			high
Cultural	Ocean Outfalls	Ocean outfalls	SWRCB	No	Х	Х	X	X	high
Cultural	Desalination Plants	Desalination plant locations	CDFG	Yes	Χ	Χ	Χ	Χ	high
Cultural	Oil Platforms	2002 Oil Platforms	CDFG	Yes		Χ			high
	Marine Research								
Cultural	Institutes	Marine research institutions of the south coast	UCSB	Yes		Х			medium
Cultural	Shipwrecks	Shipwrecks of the United States	NOAA	No	Х	Х	Х	Х	high
	Shipwrecks - South				1	1	1		
Cultural	Coast	Shipwrecks within the south coast study region	Unknown	No		Х			high
	Environmental	Environmental Sensitivity Index map for Central							Ĭ
Cultural	Sensitivity Index	and Northern California shoreline	NOAA	Yes			Х	Х	high
	<u> </u>		U.S. Census						Ŭ
Cultural	Urban Areas	California urban areas from the 2000 Census	Bureau	Yes	Χ	Х	Х	Х	high
- 3		1	_ 5.000	, , , , ,					9

						Spatia	nt		
Dete Tune	Laver Name	Description	Source	Matadata	Ctata	CCCD	CCCD	NCCCD	Resolution
Data Type	Layer Name Artificial Reef	Description	Source	Wetagata	State	SUSK	CCSK	NCCSK	Resolution
	Boundaries	Artificial reefs' bounding coordinates	unknown	No		Х			high
	Artificial Reef Centers	Artifical reefs' centroids	unknown	No		X			high
	Coastal Marsh	Coastal marshes of California	TNC	No	Х	X	Х	Х	high
	Eelgrass	Zostera (eelgrass) beds of California	TNC	Yes	X	X	X	X	high
	Seagrass	Seagrass distribution off California	NOAA	Yes	X	X	X	X	high
	Surfgrass	Surfgrass of California	Tenera	Yes	X	X	X	X	high
	Estuaries	California estuaries	TNC	Yes	X	X	X	X	high
	Substrate	Linear substrate classification	CDFG	No				X	low
	Benthic Substrate	Course scale benthic substrate	NOAA	Yes	Х	Х	Х	X	low
Tabitat	Dentine Oubstrate	Course scale beritine substrate	Moss Landing	103					IOW
Habitat	Benthic Marine Habitat	Benthic Marine Habitat	Marine Lab	Yes		Х			Low
		Benthic marine habitat observed by manned	Marine Lab	163					LOW
	Observed		UCSB	Yes		Х			high
	Coastal Sensitivity to	Sensitivity of Coastal Environments and	ОСОВ	103					riigii
	Oil Spills		NOAA	Yes	Х	Х	Х	Х	high
	California Conservation		NOAA	103	_^				riigii
	Areas	California Conservation Areas	unknown	No	Х	Х	Х	Х	high
	Cowcod Conservation	Camornia Conscivation / treas	unitiown	140					mgn
	Areas	Cowcod Conservation Areas	CDFG	Yes		Х			high
				100					· · · · · ·
	Recreational Fisheries	California Recreational Fisheries Survey							
	Survey Sites		CDFG	No	Χ	Х	Х	Х	high
	,								
		Essential Fish Habitat (EFH) boundaries from							
		NMFS final rule to implement Amendment 19 to							
Management	Essential Fish Habitat	the Pacific Coast Groundfish Management Plan		Yes	Х	Х	Х	Х	medium
J		Essential Fish Habitat (EFH) conservation							
		areas from NMFS final rule to implement							
	Essential Fish Habitat	Amendment 19 to the Pacific Coast Groundfish							
	Conservation Areas		PFMC	Yes	Х	Х	Х	Х	medium
		The area seaward of the 700-fathom depth	-						
		contour off Washington, Oregon, and California							
	Essential Fish Habitat	for NMFS' final rule implementing Amendment							
	Seaward of 700	19 to the Pacific Coast Groundfish Fishery							
	Fathoms		NOAA	Yes	Χ	Х	Х	Х	high

						Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
	California Coastal								
Management	National Monuments	California Coastal National Monuments	CDFG	Yes	Х	Х	Х	Х	high
	National Marine								
	Sanctuaries of								
Management	California	National Marine Sanctuaries of California	NOAA	Yes	Х	Х	Х	X	high
	l								
	Halibut Trawl Closures		CDFG	Yes		X			high
Management		Halibut Trawl Grounds	CDFG	Yes		Χ			high
	Halibut Trawl Grounds		0050			.,			
Management	2008	Halibut Trawl Grounds 2008	CDFG	Yes		X			high
Management	Managed Kelp Beds	Administrative kelp beds	CDFG	Yes	Х	Χ	Х	Х	medium
	California Legacy	Conservation and trust land ownership			.,			.,	
Management	Project Land	(terrestrial) - California Legacy Project	TNC	Yes	Х	Χ	Х	Х	high
	1 Minute CRFS	1' California Recreational Fisheries Survey	0050				.,		
Management	Microblocks	microblocks	CDFG	Yes	Х	Х	Х	Х	medium
	CRANE Monitoring	ODANE seed to describe a	0050			\ \ \			In the In
Management	Sites	CRANE monitoring locations	CDFG	Yes		Х	Х		high
Monogomont	Marine Monitoring	Monitoring sites for PISCO, LIMPET, CRANE,	UCSB	Vaa	V			V	h: ah
Management	Sites Offshore Oil Bed	MARINe	UCSB	Yes	Х	Х	Х	Х	high
Managamant		Oil bed leases	GreenInfo	Yes		Х	Х		biab
Management	Leases	Oil bed leases	Greenino	res		^	^		high
	Rockfish Conservation	Rockfish Conservation Area boundaries - 100							
Management	Area - 100fathoms	Fathoms - 2008 Draft	CDFG	Yes	Х	Х	Х	Х	medium
Management	Alea - Toolaliloilis	l attions - 2006 Drait	CDIG	165		^	^	^	mediam
	Rockfish Conservation								
Management	Area - 150fathoms	RCA boundaries - 150 Fathoms - 2008 Draft	CDFG	Yes	Х	Х	Х	Х	medium
Management	/ irea Toolatiloms	1007 boundaries 1007 dirioms 2000 Brait	ODI O	103					mediam
	Rockfish Conservation								
Management	Area - 250fathoms	RCA boundaries - 250 Fathoms - 2008 Draft	CDFG	Yes	Х	Х	Χ	Х	medium
Managomone	7 troa Zooratriomo	Tront boundarios 2001 dirionio 2000 Brait	051 0	100					modiam
	Rockfish Conservation								
Management	Area - 50fathoms	RCA boundaries - 50 Fathoms - 2008 Draft	CDFG	Yes	Х	Х	Х	Х	medium
		200 5141	· <del>-</del>			,	,	,	
	Rockfish Conservation								
Management	Area - 60fathoms	RCA boundaries - 60 Fathoms - 2008 Draft	CDFG	Yes	Χ	Х	Х	Х	medium

						Spatia	al Exte	nt	
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
	Rockfish Conservation								
Management	Area - 75fathoms	RCA boundaries - 75 Fathoms - 2008 Draft	CDFG	Yes	Х	Х	Х	X	medium
Management	Restricted Areas	Restricted areas (military, power plant, etc.)	CDFG	Yes	Х	Х	Х	Х	high
	State Waters (Offshore	Offshore line boundaries for California state							
Management	Line)	jurisdiction	CDFG	Yes	Х	Х	Х	Х	high
Management	State Waters (Polygon)	Boundaries for California state jurisdiction	CDFG	Yes	Х	Х	Х	Х	high
	State Water Quality	State Water Quality Protection Areas 2003 (aka							
Management	Protection Areas	- areas of special biological significance)	CDFG	Yes	Χ	Х	Х	Х	high
	California Areas of								
Management	Special Concern	California areas of special concern		No	Χ	Χ	Χ	Χ	high
Management	State Park Lands	California State Park lands		No	Χ	Х	Χ	Χ	high
	Existing State Marine								
Management	Protected Areas	Current California state marine protected areas	CDFG	Yes	Χ	Χ	Χ	Χ	high
	Existing South Coast								
	Marine Protected	Existing marine protected areas in the south							
Management	Areas	coast study region	MLPAI	Yes		Χ			high
Non-									
consumptive									
Use	Shore Dive Sites	Shore dive locations of Southern California	UCSB	Yes		Χ			high
Physical	Submarine Features	Point locations of submarine features		No	Χ	Х	Χ	Χ	low
Physical	Submarine Canyons	Submarine canyons	EFH	Yes	Χ	Χ	Χ	Χ	medium
	Offshore Rock	Offshore rocks - national monuments managed							
Physical	Locations	by BLM	BLM	Yes	Χ	Χ	Χ	Χ	high
			Cal Interagency Watershed						
Physical	California Watersheds	Watersheds of California - Calwater 2.2.1	Mapping	Yes	Х	Х	Х	Х	high
,	Coastal Rivers and		11 0						Ü
Physical	Streams	Rivers and streams of coastal California	CDFG	Yes	Х	Х	Х	Χ	high
,	Impaired Rivers and								Ü
Physical	Streams	303d listed impaired rivers of California - 2002	SWRCB	Yes	Χ	Χ	Х	Х	high
·		303d listed impaired waterbodies of California -							
Physical	Impaired Waterbodies	2002	SWRCB	Yes	Χ	Х	Х	Χ	high
Physical	Tree Canopy	Tree canopy	USGS/NLCD	Yes	Χ	Х	Х	Χ	high
Physical	Land Cover	Land cover	USGS / NLCD	Yes	Х	Х	Х	Х	medium

						Spatial Extent			
Data Type	Layer Name	Description	Source	Metadata	State	SCSR	CCSR	NCCSR	Resolution
	Land Cover - NOAA								
Physical	CCAP	NOAA CCAP land cover	NOAA	No		Х	Х	Χ	medium
Physical	Impervious Land Cover	Impervious land cover	USGS / NLCD	Yes	Х	Х	Х	Χ	medium
			NOAA						
	Ocean Currents of		Biogeographic						
Physical	1999	Ocean currents of 1999	Assessment	Yes	Х	Х	Х	Х	low
	Sea Surface		NOAA						
	Temperatures - 1993 -		Biogeographic						
Physical	2003	Sea surface temperatures, by year 1993 -2003	Assessment	Yes	Х	Х	Х	Х	low

## **Acronyms**

SCSR = MLPA South Coast Study Region

CCSR = MLPA Central Coast Study Region

NCCSR = MLPA North Central Coast Study Region

BLM = U.S. Bureau of Land Management

CDFG = California Department of Fish and Game

CFIS = California Fisheries Information System

EFH = essential fish habitat

GNIS = U.S. Geographic Names Information System Locales

KFACA = Kayak Fishing Association of California

MLPAI = Marine Life Protection Act Initiative

NLCD = National Land Cover Data

NMS = national marine sanctuary

NOAA = National Oceanic and Atmospheric Administration

NOAA CSC = NOAA Coastal Services Center

NOS = NOAA's National Ocean Service

PFMC = Pacific Fishery Management Council

PSMFC = Pacific States Marine Fisheries Commission

SWRCB = State Water Resources Control Board

TNC = The Nature Conservancy

UCSB = University of California, Santa Barbara

USFWS = U.S. Fish and Wildlife Service

USGS = U.S. Geological Survey